

ABSTRACT OF THE DISCLOSURE

A device for the removing of damaged fasteners with rounded off heads from nuts comprising a socket head having a cylindrical external configuration with an upper end and a lower end and an axis with a first axial length therebetween and with a surface on the upper end adapted to receive the end of a turning tool. The lower end of the socket head is fabricated with a major recess of a generally frustroconical configuration. The major recess has an interior surface formed with a plurality of inverted V-shaped projections and the right leg of the inverted V-shaped projections is at a slight angle or almost parallel and the right leg of the inverted V-shaped projections is at a slight angle or almost parallel, integral with the socket and extending radially inwardly from the lower end, thereby forming a plurality of angles with radially interior teeth. Each of the angles has an apex with two faces of essentially uncommon lengths. The apex of each tooth is angularly oriented with respect to the axis of the cylinder. The axial interior of the major recess has a smaller diameter than the axial exterior of the major recess whereby when placed over the damaged fastener and when the socket head is rotated with a ratchet motion, the teeth will pull downwardly over the damaged fastener and bite into its exterior surface to effect a coupling therebetween for rotation of the socket head and associated damaged fastener to effect its removal.